

Title (en)
Hybrid power transmission

Title (de)
Hybridantriebs-Getriebe

Title (fr)
Transmission pour propulsion hybride

Publication
EP 0716947 A3 19970716 (EN)

Application
EP 95203093 A 19951113

Priority
US 35535994 A 19941213

Abstract (en)
[origin: EP0716947A2] An integrated power transmission (10) has an internal combustion (IC) (16) for engine power input, an electrical motor power input (30) and a combining planetary transmission (22) coupled with both power inputs. The power transmission also includes a multi-speed transmission input (14). The combining planetary transmission can be driven by the electric motor input only with a one-way (82) device providing a reaction path for the combining planetary transmission and a stationary power input at the IC engine. A friction clutch member (83) is provided to selectively establish a drive path including both power input members in a multi-speed transmission input. This clutch permits both power sources, electrical and internal combustion, to provide power to the combining planetary and also permits starting of the IC engine while the vehicle is in motion. <IMAGE>

IPC 1-7
B60K 6/02

IPC 8 full level
B60K 6/04 (2006.01); **B60K 6/365** (2007.10); **B60K 6/48** (2007.10); **B60K 6/547** (2007.10); **B60K 17/04** (2006.01); **B60W 10/02** (2006.01); **B60W 10/04** (2006.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 10/10** (2006.01); **B60W 10/12** (2006.01); **B60W 20/00** (2006.01); **F02N 11/04** (2006.01); **F16H 61/00** (2006.01); **F16H 3/72** (2006.01)

CPC (source: EP US)
B60K 6/365 (2013.01 - EP US); **B60K 6/48** (2013.01 - EP US); **B60K 6/547** (2013.01 - EP US); **B60W 10/02** (2013.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP); **B60W 20/40** (2013.01 - US); **F16H 61/0025** (2013.01 - EP US); **B60K 2006/268** (2013.01 - EP); **F16H 3/725** (2013.01 - EP US); **F16H 2200/2015** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US); **Y10S 903/903** (2013.01 - EP US); **Y10S 903/91** (2013.01 - EP US); **Y10S 903/919** (2013.01 - EP US); **Y10S 903/946** (2013.01 - EP US)

Citation (search report)
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• [A] FR 2200800 A5 19740419 - SAVIEM [FR]
• [A] PATENT ABSTRACTS OF JAPAN vol. 095, no. 002 31 March 1995 (1995-03-31)

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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0716947 A2 19960619; EP 0716947 A3 19970716; EP 0716947 B1 19990721; DE 69510897 D1 19990826; DE 69510897 T2 19991111; JP 2672081 B2 19971105; JP H08238945 A 19960917; US 5558175 A 19960924

DOCDB simple family (application)
EP 95203093 A 19951113; DE 69510897 T 19951113; JP 32449495 A 19951213; US 35535994 A 19941213